

Converting Colors

Hex(31B771)

Have a look what the booklet for
Hex(31B771) contains.

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Color

Hex(31B771)

Conversions

Conversions Part 1

Format	Color
Hex	31B771
RGB	49, 183, 113
RGB Percent	19%, 72%, 44%
CMY	0.8078, 0.2824, 0.5569
CMYK	0.73, 0.00, 0.38, 0.28
HSL	149°, 58%, 45%
HSV	149°, 73%, 72%
XYZ	21.1807, 35.7122, 21.3996
YIQ	134.9540, -57.3940, -50.1780

Conversions

Conversions Part 2

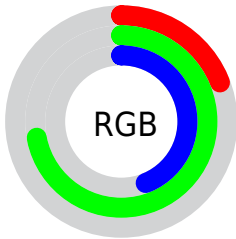
Format	Color
RYB	49, 140, 183
Decimal	3258225
CIELab	66.30, -51.60, 25.61
CIELCh	66, 57.610, 153.602
Yxy	35.7122, 0.2705, 0.4561
Android (android.graphics.Color)	4281448305 (0xFF31B771)
YUV	134.9540, -10.8233, -75.3817
Hunter-Lab	59.7597, -41.3133, 20.6004

Details

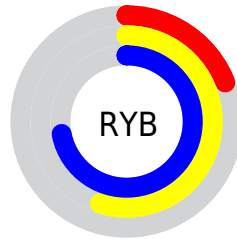
The Hex color **31B771** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B73177**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **72F0A5**, and **008140** is the 20% darker color. If you saturate the color by 10%, you get **1FB767**, and if you desaturate by 10%, it is **43B77B**.

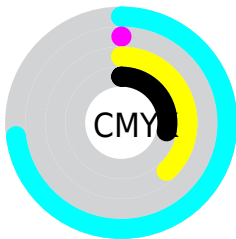
Distribution



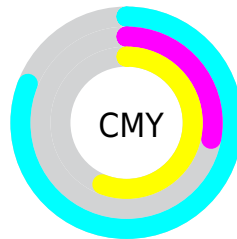
- Red (19%)
- Green (72%)
- Blue (44%)



- Red (19%)
- Yellow (55%)
- Blue (72%)



- Cyan (73%)
- Magenta (0%)
- Yellow (38%)
- Black (28%)




- Cyan (81%)
- Magenta (28%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31B771 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 31B771 by changing the saturation by 10% instead.

 31B771

 31B771

FFFFFF

 009C58

 72F0A5

 008140

 8FFFC1

 006729

 ADFFDD

 004D13

 CBFFF9

 003500

 E8FFFF

 001E00

 000000

 31B771

 31B771

 1FB767

 43B77B

 0CB75E

 56B784

 00B757

 68B78E

 7AB797

 8CB7A1

 9FB7AA

 B1B7B4

 C3B7BD

 D6B7C7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82AF46



31B771



00BAA6

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31B771



3DA5FF



FC7A6B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



31B771



B73177

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF729D



31B771



AC91F8

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31B771



00B3FD



E57CD0



E28E43

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31B771



00BAC9



E57CD0



FF767B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



31B771



B9EDD2



78B731



597868



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31B771



1CED80



31B7B3



535C57



009C4A



001C0D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B73177



ED1C89



B73135



5C5357



9C0051



1C000F

Previews

White Background



This preview shows how the Hex color 31B771 looks on a white background.

Color Contrast Check

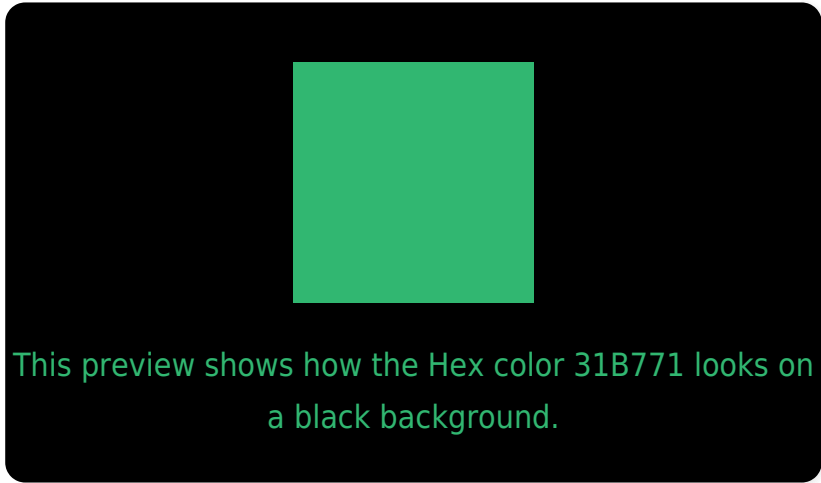
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

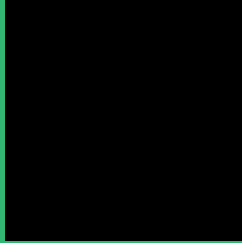
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 31B771 Background



This preview shows how black text looks on a background with the Hex color 31B771.

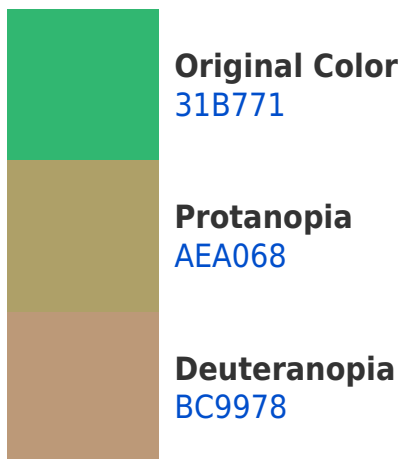


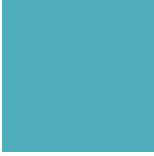
This preview shows how white text looks on a background with the Hex color 31B771.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



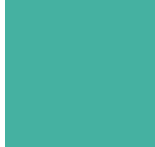
Original Color
31B771



Protanomaly
81A86B



Deuteranomaly
89A475



Tritanomaly
45B1A1

Monochromacy



Original Color
31B771



Achromatopsia
878787



Achromatomaly
68987F

CSS Examples

Text

The CSS property to change the color of the text to Hex 31B771 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #31B771 looks like.

```
.text, #text, p{  
    color:#31B771  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #31B771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31B771
}
```

Border

The CSS property to change the border of an element to Hex 31B771 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31B771 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#31B771 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #31B771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31B771; -webkit-box-shadow:4px 4px  
4px 4px #31B771; box-shadow:4px 4px 4px  
4px #31B771 }
```

Background

The CSS property to change the background color of an element to Hex 31B771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31B771 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#31B771 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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